

AC ELECTROMAGNETIC BRAKE



CMK ELECTRO POWER PVT LTD.
(An ISO 9001:2015 Certified Company)



Chemical Industries



Crane Industries



Paper Industries



Automobile Industries



Power Plant

Manufacturer of EOT Crane Control Equipments



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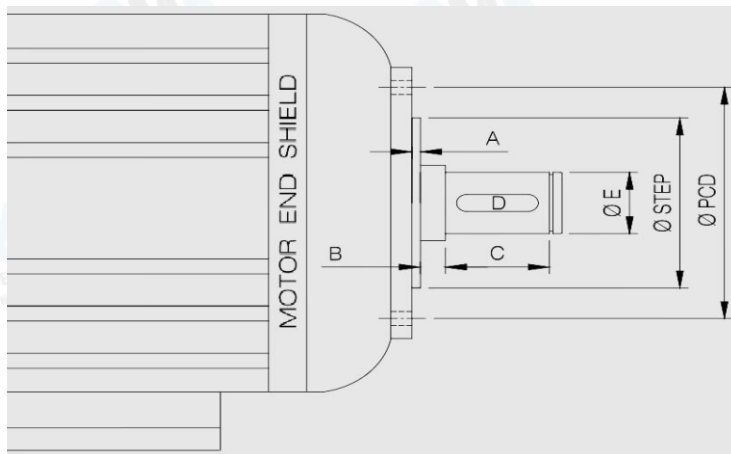
➤ AC ELECTROMGNETIC FAIL SAFE BRAKE

CMK ELECTRO POWER PVT LTD. electromagnetic AC fail safe spring applied (Power Off) safety brakes have strong and robust design. It is available with torque range **0.2 kg.m– 14 kg.m** and featured by high performance cost ratio, long service life and low noise. It is widely used in various machines, installations and equipment.

➤ PRINCIPLE OF OPERATION

When electric supply is given to the brake coils gets energized and it instantly attracts the friction plate against the spring force, thus releasing the driving shaft and allows machine shaft to rotate freely. When supply is cut off brake coil gets de-energized resulting compressed springs push the friction plate back to its original position, which clamps the liner plate against mounting disc of the brake and stops the driving shaft instantly.

CMK ELECTRO POWER PVT LTD. can be provided unique manual release handle in AC fail safe brake on request.



➤ BRAKE MOUNTING DIMENSIONS

H.P	RPM	FRAME SIZE	BRAKE MODEL	TQ. kg.m.	BRAKE O.D.	A	B	C	D	E Ø	PCD Ø	STEP Ø
0.25	1400	63	AT-130	0.2	120	2	1	25	5X3	14	82.5/M6X4	Ø 70
0.5	1400	71	AT-130	0.2	120	2	1	25	5X3	14	82.5/M6X4	Ø 70
0.5	900	80	AT-150	1.1	153	3	1	29	6X3.5	19	100/M8X4	Ø 80
0.75	1400	80	AT-140	0.6	133	2	1	25	6X3.5	19	100/M8X4	Ø 80
1.0	1400	80	AT-150	1.1	153	3	1	29	6X3.5	19	100/M8X4	Ø 80
2.0	1400	90	AT-150X	2.2	153	3	7	45	8X4	24	100/M8X4	Ø 80
3.0	1400	90L	AT-150X	2.2	153	3	7	45	8X4	24	100/M8X4	Ø 80
3.0	1400	100	AT-190	2.5	193	3	1	28	8X4	28	130XM8X4	Ø 110
5.0	1400	100	AT-190X	4.5	193	3	7	45	8X4	28	130XM8X4	Ø 110
5.0	1400	112	AT-190X	4.5	193	3	7	45	8X4	28	130XM8X4	Ø 110
5.0	900	132	AT-235	4.0	235	3	1	28	10X5	38	175/M10X4	Ø 105
7.5	1400	112	AT-190X	4.5	235	3	7	45	8X4	28	130XM8X4	Ø 110
7.5	1400	132	AT-235	4.0	235	3	1	28	10X5	38	175/M10X4	Ø 105
7.5	900	132	AT-235X	6.0	235	3	7	45	10X5	38	175/M10X4	Ø 105
10.0	1400	132	AT-235X	6.0	235	3	7	45	10X5	38	175/M10X4	Ø 105
10.0	900	132	AT-235X	6.0	235	3	7	45	10X5	38	175/M10X4	Ø 105
12.5	1400	132	AT-235X	6.0	235	3	7	45	10X5	38	175/M10X4	Ø 105
12.5	1400	160	AT-290	5.5	275	3	12	28	10X5	42	175/M10X4	Ø 115
12.5	900	160	AT-290X	11	275	3	12	45	12X6	42	175/M10X4	Ø 115
15.0	1400	160	AT-290X	11	275	3	12	45	12X6	42	175/M10X4	Ø 115
20.0	1400	160	AT-290XX	14	275	3	12	60	12X6	42	175/M10X4	Ø 115
25.0	1400	160	AT-290XX	14	275	3	12	60	12X6	42	175/M10X4	Ø 115

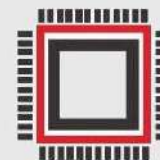
*All Dimensions are in mm

➤ TYPECAL APPLICATION

Brake motors, Hoist, Cranes and material, Goods Lifts, Handling equipment, Printing machinery, Wood working machinery, Steel plant machinery, Tire machinery, Textile machinery, Storage & retrieval systems, Defense equipment, Navy deck machinery, Industrial presses, Marble/Granite machinery and Many others.



EXCELLENT SAFETY BRAKE



STRONG AND ROBUST DESIGN



SHORT BRAKING TIME



LOW MAINTENANCE



LOW NOICE LEVEL



LOW ENERGY COSMPSION



ECO FRIENDLY



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